

Product Data Sheet

Product Name: N-Palmitoyl-L-leucine

Cat. No.: GC79746

Chemical Properties

Cas. No. 14379-42-1

Formula $C_{22}H_{43}NO_3$ M.Wt 369.58

Solubility DMSO: 100 mg/mL (270.58 mM; Storage Store at -20°C
Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

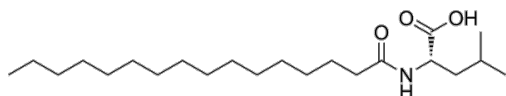
Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

N-Palmitoyl-L-leucine (GK144) is a secreted phospholipases A₂ inhibitor. N-Palmitoyl-L-leucine can be used for inflammatory diseases [1].

References:

[1]. Mouchlis VD, et al. Inhibition of secreted phospholipases A₂ by 2-oxoamides based on α -amino acids: Synthesis, in vitro evaluation and molecular docking calculations. Bioorg Med Chem. 2011 Jan 15;19(2):735-43.

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